

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

Telephone
617 542-5070

Facsimile
617 542-8906

Web Site
www.fr.com

March 26, 2004

Attorney Docket No.: 02103-212001

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a new original patent application of:

Applicant: THOMAS A. FROESCHLE, ROGER MARK, THOMAS C.
SCHROEDER, RICHARD TUCKER CARLMARK, DAVID E.
HANSON, JUN MA AND BENJAMIN G.K. PETERSON

Title: ELECTROMAGNETIC ACTUATOR AND CONTROL

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	23
Claims	8
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawing(s)	19

Enclosures:
— Postcard.

Basic filing fee	\$770
Total claims in excess of 20 times \$18	\$630
Independent claims in excess of 3 times \$86	\$86
Fee for multiple dependent claims	\$0
Total filing fee:	\$1486

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 330509679 US

March 26, 2004
Date of Deposit



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC



FISH & RICHARDSON P.C.

Commissioner for Patents

March 26, 2004

Page 2

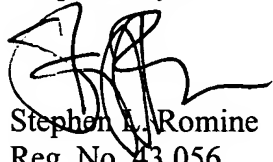
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26161

PTO Customer Number

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'SLR', with a long horizontal flourish extending to the right.

Stephen L. Romine

Reg. No. 43,056

Enclosures

SLR/cxp

20832451.doc